

### ABSTRACT OF THE DISCLOSURE

A sprinkler comprises a shunt, a water-control shaft, a switch and a detergent storage pipe, wherein said shunt is provided with axial hole vertically connected to radial notch. Both sides of this shunt are vertically equipped with both diversion holes. The top ends and bases of both diversion holes are separately connected to radial notch; the rotatable water-control shaft is linked to the radial notch of shunt. The middle section of the rod is provided with a concave main notch and a water panel. Both sides of main notch are equipped with two secondary notches. The radial positions of secondary notches are staggered, of which opposite internal edges of secondary notches are connected to main notch. Thus, it is possible to rotate the switch to activate the water-control shaft, and based upon the variable angles/positions of main notch and secondary notches, offer optional modes of supplying either water or mixed detergent so as to serve the major purposes.